

April 21, 2017



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Ms. Lori Simmons
Arkansas Department of Health
4815 West Markham Street
Little Rock, Arkansas 72205
Via email Lori.Simmons@arkansas.gov

Re: Georgia-Pacific, Crossett Mill - Biweekly Air Monitoring Report for Hydrogen Sulfide

Dear Ms. Simmons,

Following is the biweekly data summary for the Georgia-Pacific (GP) hydrogen sulfide (H₂S) and meteorological monitoring program, at the GP Crossett mill, covering the calendar period of March 8, 2017 through March 21, 2017.

Summary of Results

Included in this report are three plots presenting H₂S concentrations calculated with varied rolling average periods (30-minute, 8-hour, and 24-hour). Please note, elevated H₂S concentrations were recorded on March 9th and 21st. The highest recorded 30-minute and 8-hour rolling averages are presented in the table below.

Date	Maximum Concentrations and Time Recorded	
	30 minute	8 hour
March 9, 2017	103.93 ppb at 20:32	33.9 ppb at 02:29– 02:30*
March 21, 2017	11.71 ppb at 22:51	36.88 at 23:59

* - recorded the following day

Also included in this report is a summary of results from the daily 1-point QC checks performed during this biweekly period. The QAPP establishes goals for precision and bias as a coefficient of variation (CV) <10% and ± 10%, respectively. Precision and bias are calculated in accordance with 40 CFR Part 58 Appendix A, Section 4.1.

Additionally, weekly automated zero adjustment shave been put in place beginning February 1, 2017, so as to limit the effect of the analyzer's zero drift. There were a total of two zero checks performed during this biweekly report period; both within the acceptable range of ± 1.5 ppb, as defined in the QAPP. Results for these zero checks are presented below.



Date	Zero Check
3/9/2017	0.5
3/16/2017	0.6

There was a single occurrences of data loss during this monitoring period, in addition to those resulting from automated daily 1-point QC and weekly calibration checks. A PC failure occurred late in the afternoon of March 20th. The PC was reset the following morning; resulting in approximately 17 & ½ hours of data loss. Results for available automated daily 1-point QC checks fall within the acceptable range, indicating the H₂S monitor was operating in accordance with the QAPP.

Fourteen-day time series plots for all recorded meteorological (met) parameters are presented in the final table. All met parameters have 100% data capture for this report period.

Please feel free to contact me if you have any questions or need any additional data.

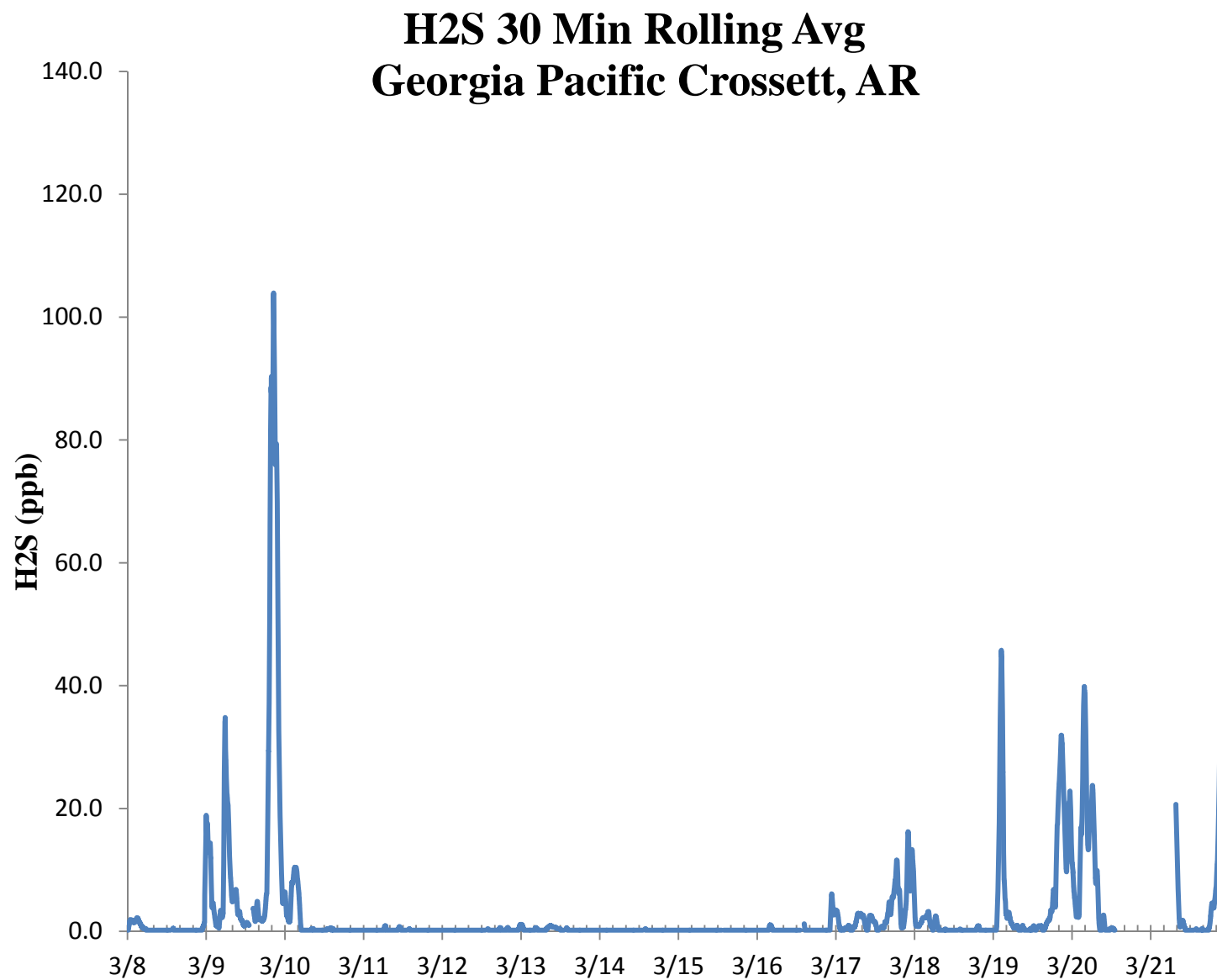
Sincerely,



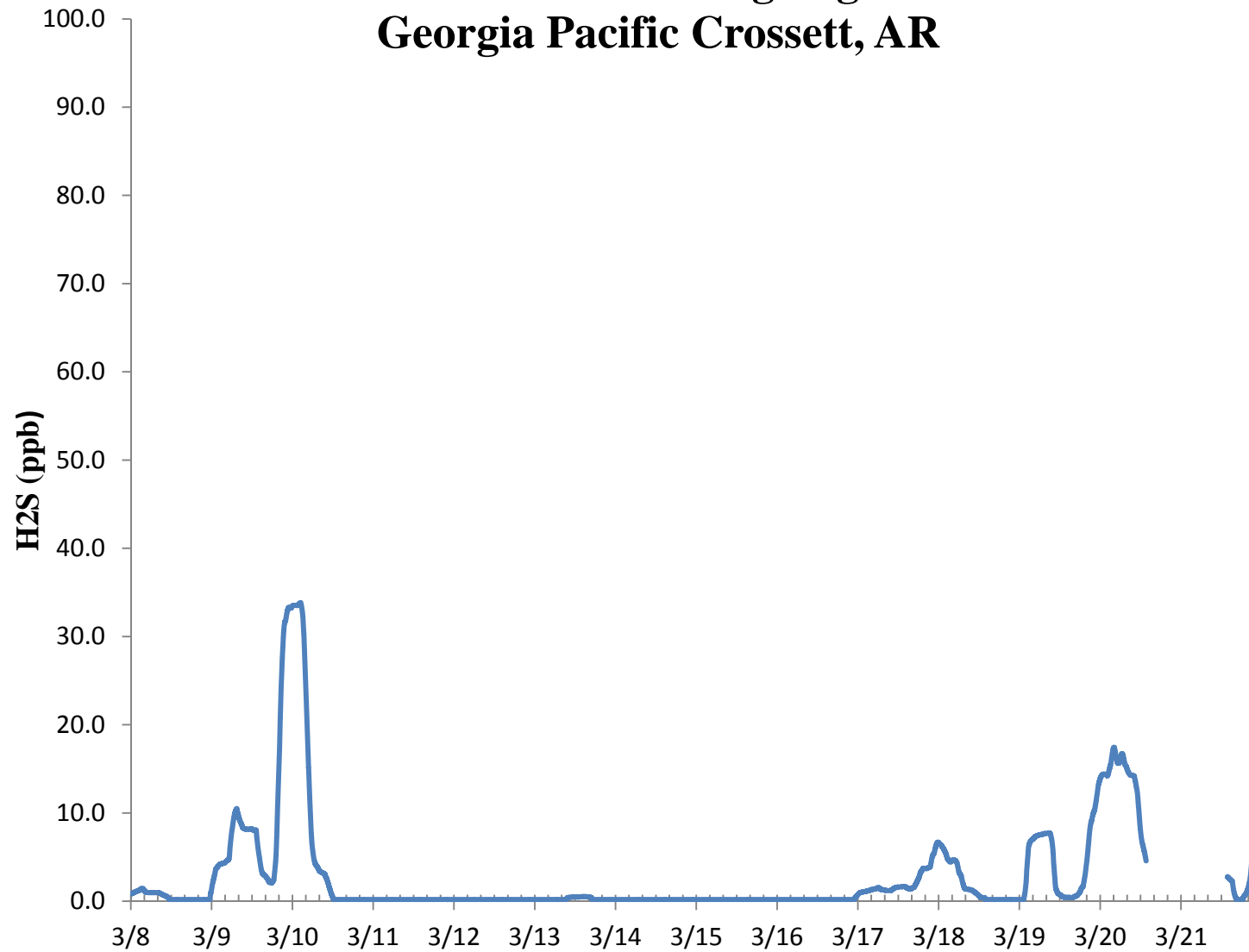
Jonathan Bowser
Manager, Air Quality and Meteorological Monitoring

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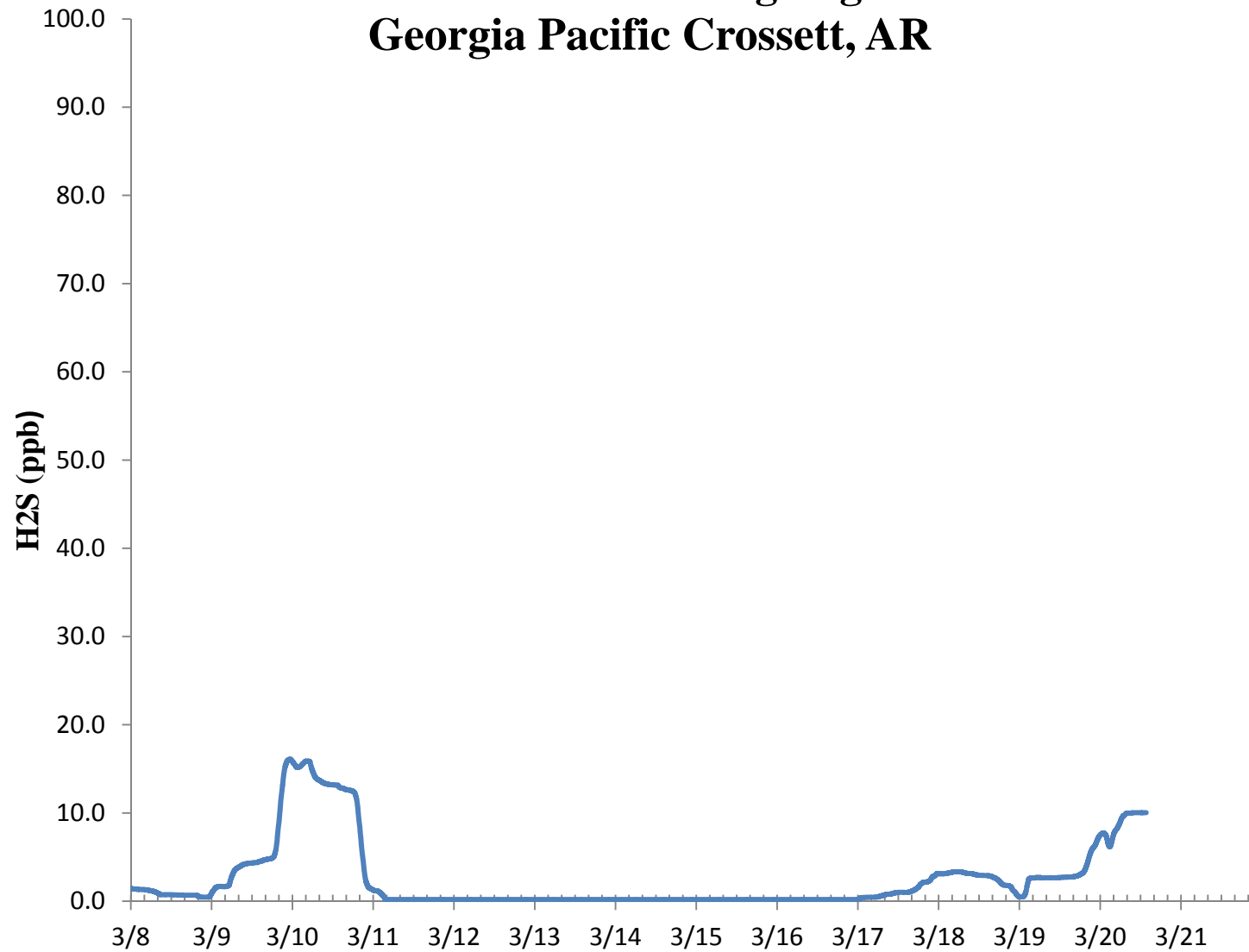
CC: Becky Keough, ADEQ Director via email: keogh@adeq.state.ar.us
Kara Allen, Environmental Engineer, USEPA Region 6 via email Allen.Kara@epa.gov



H2S 8 Hr Rolling Avg Georgia Pacific Crossett, AR



H₂S 24 Hr Rolling Avg Georgia Pacific Crossett, AR



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Meteorological Summary

